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MEPHOBARBITAL

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MEPROBAMATE

PHARMACOLOGY

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MERCAPTOETHANOL

ANALOGS & DERIVATIVES

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3-MERCAPTOPROPIONIC ACID

Effects of an adenosine analogue administration on the striatal NMDA receptors in an experimental model of epilepsy. Giraldez L, et al. **Neurochem Int** 2000 Mar;36(3):243-7

CHEMISTRY

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METHANOBACTERIACEAE

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POISONING see **MPTP POISONING**

TOXICITY see **MPTP POISONING**

1-METHYL-4-PHENYL-1,2,3,6-TETRAHYDROPYRIDINE

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METHYLCHOLANTHRENE

TOXICITY

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ANALOGS & DERIVATIVES

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ADVERSE EFFECTS

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METHYLDOPAMINE see **DEOXYEPINEPHRINE**

METHYLDOPATE see **METHYLDOPA**

METHYLENE BICHLORIDE see **METHYLENE CHLORIDE**

METHYLENE BIS(CHLOROANILINE) see **METHYLENEBIS(CHLOROANILINE)**

METHYLENE BLUE

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METHYLENE CHLORIDE

ADVERSE EFFECTS

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METHYLENE DICHLORIDE see **METHYLENE CHLORIDE**

METHYLENEBIS(CHLOROANILINE)

TOXICITY

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METHYLENEDIOXYMETHAMPHETAMINE see **N-METHYL-3,4-METHYLENEDIOXYAMPHETAMINE**

METHYLENESULFONATES see **MESYLATES**

METHYLENETETRAHYDROFOLATE DEHYDROGENASE

CHEMISTRY

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METHYLENETETRAHYDROFOLATE DEHYDROGENASE (NAD+) see **METHYLENETETRAHYDROFOLATE DEHYDROGENASE**

METHYLENETETRAHYDROFOLATE DEHYDROGENASE (NADP+) see **METHYLENETETRAHYDROFOLATE DEHYDROGENASE**

METHYLERGOBASIN see **METHYLERGONOVINE**

METHYLERGOL CARBAMIDE see **LISURIDE**

METHYLERGOMETRIN see **METHYLERGONOVINE**

METHYLERGONOVINE

ADVERSE EFFECTS

[Recurrent myocardial ischemia after spontaneous abortion secondary to oral ergotamine alkaloids (letter)] Martí V, et al. **Med Clin (Barc)** 1999 Dec 4;113(19):758–9 **(Spa)**

ANALOGS & DERIVATIVES

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DIAGNOSTIC USE

Myocardial ischemia due to vasospasm of small coronary arteries detected by methylergometrine maleate stress myocardial scintigraphy. Shimada T, et al. **Clin Cardiol** 1999 Dec;22(12):795–802

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METHYLESCULETIN see **SCOPOLETIN**

METHYLGLUCAMINE see **MEGLUMINE**

METHYLGLUCAMINE DIATRIZOATE see **DIATRIZOATE MEGLUMINE**

METHYLGLUCOPYRANOSIDES see **METHYLGLUCOSIDES**

3-O-METHYLGLUCOSE

METABOLISM

Effect of proinflammatory interleukins on jejunal nutrient transport. Hardin J, et al. **Gut** 2000 Aug;47(2):184–91

Enhancement of glucose transport by vascular endothelial growth factor in retinal endothelial cells. Sone H, et al. **Invest Ophthalmol Vis Sci** 2000 Jun;41(7):1876–84

PHARMACOKINETICS

Stimulation of cardiac glucose transport by thioctic acid and insulin. Ramrath S, et al. **Horm Metab Res** 1999 Dec; 31(12):632–5

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METHYLGLUCOSIDES

Application of response surface methodology to the study of methyl glucoside polyester synthesis parameters in a solvent-free system. Shieh CJ, et al. **J Agric Food Chem** 2000 Apr;48(4):1124–8

CHEMISTRY

Methyl 4-O-beta-L-fucopyranosyl alpha-D-glucopyranoside hemihydrate. lerik@struc.su.se Eriksson L, et al. **Acta Crystallogr C** 2000 Jun;56 (Pt 6):702–4

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METABOLISM

Identification of Candida dubliniensis based on temperature and utilization of xylose and alpha-methyl-D-glucoside as determined with the API 20C AUX and vitek YBC systems. Gales AC, et al. **J Clin Microbiol** 1999 Dec; 37(12):3804–8

PHARMACOKINETICS

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PHARMACOLOGY

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METHYLGLYCINE see **SARCOSINE**

METHYLGLYCOSIDES

CHEMISTRY

Structural characterization of the O-antigenic polysaccharide of the lipopolysaccharide from Rhizobium etli strain CE3. A unique O-acetylated glycan of discrete size, containing 3-O-methyl-6-deoxy-L-talose and 2,3,4-tri-O-,methyl-l fucose. Forsberg LS, et al. **J Biol Chem** 2000 Jun 23; 275(25):18851–63

METHYLGLYOXAL see **PYRUVALDEHYDE**

METHYLGLYOXAL BIS(GUANYLHYDRAZONE) see **MITOGUAZONE**

METHYLGLYOXALASE see **LACTOYLGLUTATHIONE LYASE**

METHYLGUANIDINE

ANALYSIS

[Methylguanidine] Machida K, et al. **Nippon Rinsho** 1999 Aug;57 Suppl:574–6 (10 ref.) **(Jpn)**

O(6)-METHYLGUANINE-DNA METHYLTRANSFERASE

ANTAGONISTS & INHIBITORS

Inhibition of O(6)-methylguanine-DNA methyltransferase increases azoxymethane-induced colonic tumors in rats. Wali RK, et al. **Carcinogenesis** 1999 Dec;20(12):2355–60

Eradication of human medulloblastoma tumor xenografts with a combination of O6-benzyl-2'-deoxyguanosine and 1,3-bis(2-chloroethyl)1-nitrosourea. Kokkinakis DM, et al. **Clin Cancer Res** 1999 Nov;5(11):3676–81

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Role of O6-alkylguanine-DNA alkyltransferase in the resistance of mouse spermatogenic cells to O6-alkylating agents. Thompson MJ, et al. **J Reprod Fertil** 2000 Jul; 119(2):339–46

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CHEMISTRY

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Methionine reduces spontaneous and alkylation-induced mutagenesis in Saccharomyces cerevisiae cells deficient in O6-methylguanine-DNA methyltransferase. Bawa S, et al. **Mutat Res** 1999 Nov 29;430(1):99–107

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Development of a syngenic brain-tumor model resistant to chloroethyl-nitrosourea using a methylguanine DNA methyltransferase cDNA. Manome Y, et al. **Anticancer Res** 1999 Nov-Dec;19(6B):5313–8

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Role of polymorphisms in codons 143 and 160 of the O6-alkylguanine DNA alkyltransferase gene in lung cancer risk. Kaur TB, et al. **Cancer Epidemiol Biomarkers Prev** 2000 Mar;9(3):339–42

Epigenetic regulation of the MGMT and hMSH6 DNA repair genes in cells resistant to methylating agents. Bearzatto A, et al. **Cancer Res** 2000 Jun 15;60(12):3262–70

Inactivation of the DNA repair gene O6-methylguanine-DNA methyltransferase by promoter hypermethylation is associated with G to A mutations in K-ras in colorectal tumorigenesis. Esteller M, et al. **Cancer Res** 2000 May 1;60(9):2368–71

Enhanced in vivo repair of O(4)-methylthymine by a mutant human DNA alkyltransferase. Encell LP, et al. **Carcinogenesis** 2000 Jul;21(7):1397–402

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Characterization of the P140K, PVP(138–140)MLK, and G156A O6-methylguanine-DNA methyltransferase mutants: implications for drug resistance gene therapy. Davis BM, et al. **Hum Gene Ther** 1999 Nov 20; 10(17):2769–78

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O6-(fluorobenzyl)guanine and chloroethylnitrosourea in xenografted rat brain tumor in vivo. Takahashi M, et al. **Acta Oncol** 2000;39(1):89–95

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Toxicity, mutation frequency and mutation spectrum induced by dacarbazine in CHO cells expressing different levels of O(6)-methylguanine-DNA methyltransferase. Psaroudi MC, et al. **Mutat Res** 2000 Feb 14;447(2):257–65

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Formation and persistence of O(6)-methylguanine in the mouse colon following treatment with 1,2-dimethylhydrazine as measured by an O(6)-alkylguanine-DNA alkyltransferase inactivation assay. Jackson PE, et al. **Toxicol Lett** 2000 Jun 5; 115(3):205–12

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O(6)-METHYLGUANINE METHYLTRANSFERASE see **O(6)-METHYLGUANINE-DNA METHYLTRANSFERASE**

METHYLHISTAMINES

BIOSYNTHESIS

Methylhistamine in Crohn's disease (CD): increased production and elevated urine excretion correlates with disease activity. Weidenhiller M, et al. **Inflamm Res** 2000 Apr;49 Suppl 1:S35–6

BLOOD

Interdependence of histamine and methylhistamine kinetics: modelling and simulation approach. Belic A, et al. **Comput Biol Med** 1999 Nov;29(6):361–75

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Histaprodifens: synthesis, pharmacological in vitro evaluation, and molecular modeling of a new class of highly active and selective histamine H(1)-receptor agonists. Elz S, et al. **J Med Chem** 2000 Mar 23;43(6):1071–84

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Effects of selected histamine H3 receptor antagonists on tele-methylhistamine levels in rat cerebral cortex. Yates SL, et al. **Biochem Pharmacol** 1999 May 1;57(9):1059–66

An acute i.c.v. infusion of leptin has no effect on hypothalamic histamine and tele-methylhistamine contents in Wistar rats. Lecklin A, et al. **Eur J Pharmacol** 2000 Apr 28;395(2):113–9

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PHARMACOLOGY

Histamine H(3)-receptor antagonists inhibit gastroprotection by (R)-alpha-methylhistamine in the rat. Morini G, et al. **Br J Pharmacol** 2000 Apr;129(8):1597–600

Stereoselective inhibition of ethanol-induced gastric lesions in the rat by the H(3)-receptor agonist (R)-alpha-methylhistamine and its (S)-configured isomer. Morini G, et al. **Pharmacology** 1999 Oct;59(4):192–200

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URINE

Determination of histamine, 1-methylhistamine and N-methylhistamine by capillary electrophoresis with micelles. Nishiwaki F, et al. **Biomed Chromatogr** 2000 May; 14(3):184–7

Methylhistamine in Crohn's disease (CD): increased production and elevated urine excretion correlates with disease activity. Weidenhiller M, et al. **Inflamm Res** 2000 Apr;49 Suppl 1:S35–6

METHYLHISTIDINES

CHEMISTRY

4-Mercaptoimidazoles derived from the naturally occurring antioxidant ovothiols 1. Antioxidant properties. Zoete V, et al. **Free Radic Res** 2000 Jun;32(6):515–24

4-Mercaptoimidazoles derived from the naturally occurring antioxidant ovothiols 2. Computational and experimental approach of the radical scavenging mechanism. Zoete V, et al. **Free Radic Res** 2000 Jun;32(6):525–33

METABOLISM

A highly conserved 3-methylhistidine modification is absent in yeast actin. Kalhor HR, et al. **Arch Biochem Biophys** 1999 Oct 1;370(1):105–11

Analysis of N(alpha)-methylhistamine by gas chromatography-mass spectrometry. Murray S, et al. **J Chromatogr B Biomed Sci Appl** 2000 Mar 10; 739(2):337–44

Eimeria acervulina infection elevates plasma and muscle 3-methylhistidine levels in chickens. Fetterer RH, et al. **J Parasitol** 2000 Aug;86(4):783–91

PHARMACOLOGY

alpha-fluoromethylhistidine depletes histamine from secreting but not from non-secreting rat stomach ECL cells. Norlén P, et al. **Eur J Pharmacol** 2000 Jul 14; 400(1):1–10

Effects of intracerebroventricular injection of alpha-fluoromethylhistidine on radial maze performance in rats. Chen Z, et al. **Pharmacol Biochem Behav** 1999 Nov; 64(3):513–8

URINE

Twenty-four hour urinary sodium and 3-methylhistidine excretion in relation to blood pressure in Chinese: results from the China-Japan cooperative research for the WHO-CARDIAC Study. Liu L, et al. **Hypertens Res** 2000 Mar;23(2):151–7

[Methylhistidine] Koda M, et al. **Nippon Rinsho** 1999 Aug; 57 Suppl:567–70 (15 ref.) **(Jpn)**

METHYLHYDRAZINE see **MONOMETHYLHYDRAZINE**

METHYLHYDRAZINES

PHARMACOKINETICS

Pharmacokinetics and biological fate of 3-(2,2,

2-trimethylhydrazinium)propionate dihydrate (MET-88), a novel cardioprotective agent, in rats. Yoshisue K, et al. **Drug Metab Dispos** 2000 Jun;28(6):687-94

PHARMACOLOGY

Carnitine transport into muscular cells. Inhibition of transport and cell growth by mildronate. Georges B, et al. **Biochem Pharmacol** 2000 Jun 1;59(11):1357-63

Effects of MET-88, a gamma-butyrobetaine hydroxylase inhibitor, on tissue carnitine and lipid levels in rats. Hayashi Y, et al. **Biol Pharm Bull** 2000 Jun;23(6):770-3

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THERAPEUTIC USE

[Effect of mildronate on life quality of patients with chronic heart failure] Nedoshivin AO, et al. **Ter Arkh** 1999; 71(8):10-2 (Eng. Abstr.) **(Rus)**

METHYLHYDROXYPROGESTERONE see **MEDROXYPROGESTERONE**

3-METHYLINDOLE see **SKATOLE**

1-METHYL-3-ISOBUTYLXANTHINE

METABOLISM

Temporal analysis of ecdysteroidogenic activity of the prothoracic glands during the fourth larval instar of the silkworm, Bombyx mori. Gu SH, et al. **Insect Biochem Mol Biol** 2000 Jun;30(6):499-505

PHARMACOLOGY

IBMX, taurine and 9-cis retinoic acid all act to accelerate rhodopsin expression in postmitotic cells. Wallace VA, et al. **Exp Eye Res** 1999 Dec;69(6):617-27

Fibroblast growth factor receptor 3 gene transcription is suppressed by cyclic adenosine 3',5'-monophosphate. Identification of a chondrocytic regulatory element. McEwen DG, et al. **J Biol Chem** 1999 Oct 22; 274(43):30934-42

METHYLMALONIC ACID

ANALYSIS

Cobalamin and folate evaluation: measurement of methylmalonic acid and homocysteine vs vitamin B(12) and folate. Klee GG. **Clin Chem** 2000 Aug;46(8 Pt 2):1277-83 (51 ref.)

BLOOD

Serum cobalamin, homocysteine, and methylmalonic acid concentrations in a multiethnic elderly population: ethnic and sex differences in cobalamin and metabolite abnormalities [see comments] Carmel R, et al. **Am J Clin Nutr** 1999 Nov;70(5):904-10. Comment in: Am J Clin Nutr 1999 Nov;70(5):789-90.

High cognitive outcome in an adolescent with mut-methylmalonic acidemia. Varvogli L, et al. **Am J Med Genet** 2000 Apr 3;96(2):192-5 (23 ref.)

The plasma homocysteine concentration is better than that of serum methylmalonic acid as a marker for sociopsychological performance in a psychogeriatric population. Nilsson K, et al. **Clin Chem** 2000 May; 46(5):691-6

Comparison of serum and plasma methylmalonic acid measurements in 13 laboratories: An international study. Pfeiffer CM, et al. **Clin Chem** 1999 Dec;45(12):2236-42

Concentrations of plasma methylmalonic acid in 80-year-olds show only weak relation to psychological performance. Hultberg B, et al. **Clin Chem Lab Med** 1999 Oct;37(10):963-7

Identification of undescribed medium-chain acylcarnitines present in urine of patients with propionic and methylmalonic acidemias. Libert R, et al. **Clin Chim Acta** 2000 May;295(1-2):87-96

Liver transplantation for methylmalonic acidaemia. van 't Hoff W, et al. **Eur J Pediatr** 1999 Dec;158 Suppl 2:S70-4

Optimization and performance of a rapid gas chromatography-mass spectrometry analysis for methylmalonic acid determination in serum and plasma. Kushnir MM, et al. **J Chromatogr B Biomed Sci Appl** 2000 May 12;741(2):231-41

Towards metabolic sink therapy for mut methylmalonic acidaemia: correction of methylmalonyl-CoA mutase deficiency in T lymphocytes from a mut methylmalonic acidaemia child by retroviral-mediated gene transfer. Chang CC, et al. **J Inherit Metab Dis** 1999 Oct;22(7):773-87

Towards metabolic sink therapy for mut methylmalonic acidaemia: retrovirus-mediated transfer of the human methylmalonyl-CoA mutase cDNA into peripheral blood progenitor cells of a child with mut methylmalonic acidaemia. Chang CC, et al. **J Inherit Metab Dis** 1999 Dec; 22(8):951-2

Successful pregnancy in severe methylmalonic acidaemia. Wasserstein MP, et al. **J Inherit Metab Dis** 1999 Oct; 22(7):788-94

Elevated serum levels of methylmalonic acid and homocysteine in elderly people. A population-based intervention study. Björkegren K, et al. **J Intern Med** 1999 Dec;246(6):317-24

The marker of cobalamin deficiency, plasma methylmalonic acid, correlates to plasma creatinine. Hvas AM, et al. **J Intern Med** 2000 Apr;247(4):507-12

Physicians' use of plasma methylmalonic acid as a diagnostic tool. Hvas AM, et al. **J Intern Med** 2000 Mar;247(3):311-7

Resting energy expenditure in disorders of propionate metabolism. Feillet F, et al. **J Pediatr** 2000 May; 136(5):659-63

A two-year-old female with methylmalonic acidemia and progressive low density lesions in the basal ganglia on CT scans [clinical conference] Matsuo N, et al. **Keio J Med** 1999 Dec;48(4):204-10

Relationship between methylmalonic acid and cobalamin in uremia. Moelby L, et al. **Kidney Int** 2000 Jan;57(1):265-73

Anaesthesia for liver transplantation in a patient with methylmalonic acidaemia. Ho D, et al. **Paediatr Anaesth** 2000;10(2):215-8

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Tunneling spectroscopy from magnetization evolution in a tilted rotating frame of nuclear spins. Damyanovich A, et al. **J Magn Reson** 2000 Jul;145(1):1-7

METABOLISM

Rearrangement of L-2-hydroxyglutarate to L-threo-3-methylmalate catalyzed by adenosylcobalamin-dependent glutamate mutase. Roymoulik I, et al. **Biochemistry** 2000 Aug 22; 39(33):10340-6

mut0 methylmalonic acidemia: eleven novel mutations of the methylmalonyl CoA mutase including a deletion-insertion mutation. Fuchshuber A, et al. **Hum Mutat** 2000 Aug; 16(2):179

Artefactual pyruvate and 2-oxobutyrate produced by trimethylsilylation of methylmalonic and ethylmalonic acids in the presence of oxygen. Mamer OA, et al. **J Inherit Metab Dis** 1999 Oct;22(7):821-6

Malonic aciduria in Maltese dogs: normal methylmalonic acid concentrations and malonyl-CoA decarboxylase activity in fibroblasts. O'Brien DP, et al. **J Inherit Metab Dis** 1999 Dec;22(8):883-90

PHARMACOLOGY

Methylmalonic and propionic acids increase the in vitro incorporation of 32P into cytoskeletal proteins from cerebral cortex of young rats through NMDA glutamate receptors. de Mattos-Dutra A, et al. **Brain Res** 2000 Feb 21;856(1-2):111-8

Propionic and L-methylmalonic acids induce oxidative stress in brain of young rats. Fontella FU, et al. **Neuroreport** 2000 Feb 28;11(3):541-4

URINE

Formation of propionate after short-term ethanol treatment and its interaction with the carnitine pool in rat. Calabrese V, et al. **Alcohol** 1999 Oct;19(2):169-76

Prolonged exclusive breast-feeding from vegan mother causing an acute onset of isolated methylmalonic aciduria due to a mild mutase deficiency. Ciani F, et al. **Clin Nutr** 2000 Apr;19(2):137-9

Lethal late onset cblB methylmalonic aciduria. Ciani F, et al. **Crit Care Med** 2000 Jun;28(6):2119-21

Cobalamin deficiency associated with erythroblastic anemia and methylmalonic aciduria in a border collie. Morgan LW, et al. **J Am Anim Hosp Assoc** 1999 Sep-Oct;35(5):392-5

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METHYLMALONYL-COA ISOMERASE see **METHYLMALONYL-COA MUTASE**

METHYLMALONYL-COA MUTASE

CHEMISTRY

Role of the dimethylbenzimidazole tail in the reaction catalyzed by coenzyme B12-dependent methylmalonyl-CoA mutase. Chowdhury S, et al. **Biochemistry** 1999 Nov 16;38(46):15287-94

Protection of radical intermediates at the active site of adenosylcobalamin-dependent methylmalonyl-CoA mutase. Thomä NH, et al. **Biochemistry** 2000 Aug 8; 39(31):9213-21

Proton transfer from histidine 244 may facilitate the 1,2 rearrangement reaction in coenzyme B(12)-dependent methylmalonyl-CoA mutase. Maiti N, et al. **J Biol Chem** 1999 Nov 12;274(46):32733-7

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Molecular analysis and heterologous expression of the gene encoding methylmalonyl-coenzyme A mutase from rifamycin SV-producing strain Amycolatopsis mediterranei U32. Zhang W, et al. **Appl Biochem Biotechnol** 1999 Dec;82(3):209-25

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Towards metabolic sink therapy for mut methylmalonic acidaemia: retrovirus-mediated transfer of the human methylmalonyl-CoA mutase cDNA into peripheral blood progenitor cells of a child with mut methylmalonic acidaemia. Chang CC, et al. **J Inherit Metab Dis** 1999 Dec; 22(8):951-2

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METABOLISM

Thermodynamic and kinetic characterization of Co-C bond homolysis catalyzed by coenzyme B(12)-dependent methylmalonyl-CoA mutase. Chowdhury S, et al. **Biochemistry** 2000 Jul 11;39(27):7998-8006

Discovering new enzymes and metabolic pathways: conversion of succinate to propionate by Escherichia coli. Haller T, et al. **Biochemistry** 2000 Apr 25;39(16):4622-9

METHYLMANNOPYRANOSIDES see **METHYLMANNOSIDES**

METHYLMANNOSIDES

CHEMISTRY

Structure of an atypical O-antigen polysaccharide of Helicobacter pylori containing a novel monosaccharide 3-C-methyl-D-mannose. Kocharova NA, et al. **Biochemistry** 2000 Apr 25;39(16):4755-60

Sulfuric acid-catalyzed acetolysis of anomeric methyl 2,3,4,6-tetra-O-acetyl-D-mannopyranosides: kinetics and mechanism. Kaczmarek J, et al. **Carbohydr Res** 2000 Mar 24;325(1):16-29

Molecular symmetry as an aid to geometry determination in ligand protein complexes. Al-Hashimi HM, et al. **J Magn Reson** 2000 Jan;142(1):153-8

Residual dipolar coupling derived orientational constraints on ligand geometry in a 53 kDa protein-ligand complex. Bolon PJ, et al. **J Mol Biol** 1999 Oct 15;293(1):107-15

METHYLMERCADONE see **NIFURATEL**

METHYLMERCURY COMPOUNDS

Toxicology. Mercury report backs strict rules [news] Kaiser J. **Science** 2000 Jul 21;289(5478):371-2

ADMINISTRATION & DOSAGE

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MGDF FACTOR see **THROMBOPOIETIN**

MGI-1 see **COLONY-STIMULATING FACTORS**

MGI-2 see **INTERLEUKIN-6**

MGN see **GLOMERULONEPHRITIS, MEMBRANOUS**

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MIANSERIN

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MIRZA see **CHEIROGALEIDAE**

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MIXED LYMPHOCYTE CULTURE TEST see **LYMPHOCYTE CULTURE TEST, MIXED**

MIXED LYMPHOCYTE REACTION see **LYMPHOCYTE CULTURE TEST, MIXED**

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MK-486 see **CARBIDOPA**

MK-801 see **DIZOCILPINE MALEATE**

MMP-1 see **INTERSTITIAL COLLAGENASE**

MMP-2 see **GELATINASE A**

MMP-3 see **STROMELYSIN 1**

MMP-7 see **MATRILYSIN**

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MMPS see **MATRIX METALLOPROTEINASES**

MN SIALOGLYCOPROTEIN see **GLYCOPHORIN**

M'NAGHTEN RULE see **INSANITY DEFENSE**

MNSS BLOOD-GROUP SYSTEM

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MOBILUNCUS CURTISII see **MOBILUNCUS**

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see related
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MONKEY, HOWLER see **ALOUATTA**

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MONKEY, OWL see **AOTINAE**

MONKEY, PATAS see **ERYTHROCEBUS PATAS**

MONKEY, PIG-TAILED see **MACACA NEMESTRINA**

MONKEY, RED see **ERYTHROCEBUS PATAS**

MONKEY RETROVIRUSES see **RETROVIRUSES, SIMIAN**

MONKEY, RHESUS see **MACACA MULATTA**

MONKEY, RING-TAIL see **CEBUS**

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MONOCLONAL ANTIBODY OKT3 see **MUROMONAB-CD3**

MONOCLONAL GAMMOPATHIES see **PARAPROTEINEMIAS**

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see related
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MONOCYTIC LEUKEMIA, ACUTE see **LEUKEMIA, MONOCYTIC, ACUTE**

MONOCYTIC LEUKEMIA, CHRONIC see **LEUKEMIA, MONOCYTIC, CHRONIC**

MONODELPHIS see **OPOSSUMS**

MONODON see **WHALES**

MONODONTIDAE see **WHALES**

MONOGLYCERIDE ESTERASES see **MONOACYLGLYCEROL LIPASES**

MONOGLYCERIDE LIPASES see **MONOACYLGLYCEROL LIPASES**

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MOUSE POLIOVIRUSES see **THEILER MURINE ENCEPHALOMYELITIS VIRUS**

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MR SPECTROSCOPY see **NUCLEAR MAGNETIC RESONANCE**

MR TOMOGRAPHY see **MAGNETIC RESONANCE IMAGING**

MR TOMOGRAPHY, ECHO-PLANAR see **ECHO-PLANAR IMAGING**

MRI ANGIOGRAPHY see **MAGNETIC RESONANCE ANGIOGRAPHY**

MRI, FUNCTIONAL see **MAGNETIC RESONANCE IMAGING**

MRI SCANS see **MAGNETIC RESONANCE IMAGING**

MRNA see **RNA, MESSENGER**

MRNA LEADER SEQUENCES see **5' UNTRANSLATED REGIONS**

MRNA, NON-POLYADENYLATED see **RNA, MESSENGER**

MRNA, POLYADENYLATED see **RNA, MESSENGER**

MS (MULTIPLE SCLEROSIS) see **MULTIPLE SCLEROSIS**

MS2 PHAGE see **LEVIVIRUS**

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MSH

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MSH, BETA see **BETA-MSH**

MSH, GAMMA see **GAMMA-MSH**

MSH RELEASE-INHIBITING FACTOR see **MSH RELEASE-INHIBITING HORMONE**

MSH RELEASE-INHIBITING HORMONE

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MSP1 see **MEROZOITE SURFACE PROTEIN 1**

MTDNA see **DNA, MITOCHONDRIAL**

MTS1 GENES see **GENES, P16**

MTS1 PROTEIN see **PROTEIN P16**

MU-CHAIN DISEASE see **HEAVY CHAIN DISEASE**

MU-CONOTOXINS see **CONOTOXINS**

MU IMMUNOGLOBULINS see **IMMUNOGLOBULINS, MU-CHAIN**

MU-MESONS see **MESONS**

MU PHAGE see **BACTERIOPHAGE MU**

MU RECEPTORS see **RECEPTORS, OPIOID, MU**

MUC1 MUCIN see **CA-15-3 ANTIGEN**

MUCHA-HABERMANN DISEASE see **PITYRIASIS LICHENOIDES**

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MUCOLYTIC AGENTS see **EXPECTORANTS**

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MUCOSAL DISEASE VIRUS see **DIARRHEA VIRUS, BOVINE VIRAL**

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MUCOSAL TISSUE see **MUCOUS MEMBRANE**

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MULTIPLE SCLEROSIS, ACUTE FULMINATING see **MULTIPLE SCLEROSIS**

MULTIPLE SCLEROSIS, ACUTE RELAPSING see **MULTIPLE SCLEROSIS, RELAPSING-REMITTING**

MULTIPLE SCLEROSIS, CHRONIC PROGRESSIVE

BLOOD

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MURINE ACQUIRED IMMUNODEFICIENCY SYNDROME

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MURINE AIDS see **MURINE ACQUIRED IMMUNODEFICIENCY SYNDROME**

MURINE GASTROENTERITIS VIRUS see **GASTROENTERITIS VIRUS, MURINE**

MURINE HERPESVIRUS 1 see **MUROMEGALOVIRUS**

MURINE LEUKEMIA VIRUSES see **LEUKEMIA VIRUSES, MURINE**

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MUSTELA PUTORIUS FURO see **FERRETS**

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MUSTELIDAE see **CARNIVORA**

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MYELOGENOUS LEUKEMIA, CHRONIC see **LEUKEMIA, MYELOID, CHRONIC**

MYELOGENOUS LEUKEMIA, CHRONIC, AGGRESSIVE-PHASE see **LEUKEMIA, MYELOID, AGGRESSIVE-PHASE**

MYELOGENOUS LEUKEMIA, CHRONIC, CHRONIC-PHASE see **LEUKEMIA, MYELOID, CHRONIC-PHASE**

MYELOGENOUS LEUKEMIA, PH1-NEGATIVE see **LEUKEMIA, MYELOID, PHILADELPHIA-NEGATIVE**

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MYELOID LEUKEMIA, CHRONIC, ACCELERATED-PHASE see **LEUKEMIA, MYELOID, AGGRESSIVE-PHASE**

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MYELOMONOCYTIC LEUKEMIA, CHRONIC see **LEUKEMIA, MYELOMONOCYTIC, CHRONIC**

MYELOPATHY see **SPINAL CORD DISEASES**

MYELOPATHY, COMPRESSIVE see **SPINAL CORD COMPRESSION**

MYELOPATHY, INFLAMMATORY see **MYELITIS**

MYELOPATHY, TRAUMATIC see **SPINAL CORD INJURIES**

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PHYSIOPATHOLOGY see HEART/physiopathology

RADIATION EFFECTS see HEART/radiation effects

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N OMEGA-NITRO-L-ARGININE METHYL ESTER see **NG-NITROARGININE METHYL ESTER**

N-RAS GENES see **GENES, RAS**

N-TYPE CALCIUM CHANNELS see **CALCIUM CHANNELS, N-TYPE**

NA(+)-CA(2+) EXCHANGER see **SODIUM-CALCIUM EXCHANGER**

NA(+)-H(+)-ANTIPORTER see **SODIUM-HYDROGEN ANTIPORTER**

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NAD(P)(+)-ARGININE ADP-RIBOSYLTRANSFERASE

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NADP+-DEPENDENT GLUTAMATE DEHYDROGENASE see **GLUTAMATE DEHYDROGENASE (NADP+)**

NADP DIAPHORASE see **NADPH DEHYDROGENASE**

NADP TRANSHYDROGENASE

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NADPH CYTOCHROME C REDUCTASE see **NADPH-FERRIHEMOPROTEIN REDUCTASE**

NADPH CYTOCHROME P-450 OXIDOREDUCTASE see **NADPH-FERRIHEMOPROTEIN REDUCTASE**

NADPH CYTOCHROME P-450 REDUCTASE see **NADPH-FERRIHEMOPROTEIN REDUCTASE**

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NARCOTICS

see related
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NBD CHLORIDE

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NECROSIS, DENTAL PULP see **DENTAL PULP NECROSIS**

NECROTIZING ARTERITIS see **POLYARTERITIS NODOSA**

NECROTIZING HEMORRHAGIC ENCEPHALOMYELITIS see **LEUKOENCEPHALITIS, ACUTE HEMORRHAGIC**

NECROTIZING PANCREATITIS, ACUTE see **PANCREATITIS, ACUTE NECROTIZING**

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NEOPLASMS

consider also terms at CANCER, CARCINO-, ONCO-, and TUMOR

see related
ANTIBODIES, NEOPLASM
ANTICARCINOGENIC AGENTS
ANTIGENS, NEOPLASM
ANTINEOPLASTIC AGENTS
CARCINOGENS
DNA, NEOPLASM
GENES, SUPPRESSOR, TUMOR
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NEPHROPATHIA EPIDEMICA see **HANTAVIRUS INFECTIONS**

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NEPHROPATHY, IGA see **GLOMERULONEPHRITIS, IGA**

NEPHROPATHY, MEMBRANOUS see **GLOMERULONEPHRITIS, MEMBRANOUS**

NEPHROPATHY, MINIMAL CHANGE see **NEPHROSIS, LIPOID**

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NEPHROSIS

BLOOD

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Effect of the in vivo catalase inhibition on aminonucleoside nephrosis. Pedraza-Chaverri J, et al. **Free Radic Biol Med** 1999 Aug;27(3-4):245-53

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IMMUNOLOGY

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BLOOD

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PATHOLOGY

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URINE

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NEPHROSTOMY, PERCUTANEOUS

Percutaneous reduction of ureterosciatic hernia. Weintraub JL, et al. **AJR Am J Roentgenol** 2000 Jul;175(1):181–2

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Percutaneous nephrolithotripsy in ectopic kidneys. Desai MR, et al. **J Endourol** 2000 Apr;14(3):289–92

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Percutaneous nephrolithotomy in the pediatric population [see comments] Al-Shammari AM, et al. **J Urol** 1999 Nov; 162(5):1721–4. Comment in: J Urol 1999 Nov;162(5):1731–2.

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Severe bleeding after nephrolithotomy: results of hyperselective embolization. Martin X, et al. **Eur Urol** 2000 Feb;37(2):136–9

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Combination therapy in the treatment of patients with staghorn calculi. Gerber GS. **Tech Urol** 1999 Sep;5(3):155–8

Inline tug on a through-and-through glidewire to reposition open-ended catheter during percutaneous nephrolithotomy. Maheshwari PN, et al. **Tech Urol** 2000 Mar;6(1):37–8

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STANDARDS

[Quality assurance and maintenance of percutaneous nephrostomy drainage] Jensen IE, et al. **Ugeskr Laeger** 2000 May 22;162(21):3054–5 **(Dan)**

NEPHROTIC SYNDROME

Evaluation and management of proteinuria and nephrotic syndrome in children: recommendations from a pediatric nephrology panel established at the National Kidney Foundation conference on proteinuria, albuminuria, risk, assessment, detection, and elimination (PARADE). Hogg RJ, et al. **Pediatrics** 2000 Jun;105(6):1242–9

Case for the panel Nephrotic syndrome with fibrillary and lipid deposits. Howell DN, et al. **Ultrastruct Pathol** 1999 Sep-Oct;23(5):347–50; discussion 351, 353

[Health status and physical development of children delivered by mothers who suffered from nephrotic syndrome in their infancy] Pijanowska M, et al. **Pol Merkuriusz Lek** 2000 Apr;8(46):211–3 (Eng. Abstr.) **(Pol)**

BLOOD

Hypovolemia and hypovolemic shock in children with nephrotic syndrome. Wang SJ, et al. **Acta Paediatr Taiwan** 2000 Jul-Aug;41(4):179–83

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Plasma lipoprotein (a) levels in children with minimal lesion nephrotic syndrome. Nakahara C, et al. **Pediatr Nephrol** 1999 Oct;13(8):657–61

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NERVE GROWTH FACTOR RECEPTOR, LOW-AFFINITY see **RECEPTOR, NERVE GROWTH FACTOR**

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NEURONS, SENSORY see **NEURONS, AFFERENT**

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NEUROPAPILLITIS see **OPTIC NEURITIS**

NEUROPATHIES, AMYLOID see **AMYLOID NEUROPATHIES**

NEUROPATHIES, CRANIAL see **CRANIAL NERVE DISEASES**

NEUROPATHIES, HEREDITARY MOTOR AND SENSORY see **HEREDITARY MOTOR AND SENSORY NEUROPATHIES**

NEUROPATHIES, HEREDITARY SENSORY AND AUTONOMIC see **HEREDITARY SENSORY AND AUTONOMIC NEUROPATHIES**

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NEUROPATHY, COMMON PERONEAL see **PERONEAL NEUROPATHIES**

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NEUROSES, WAR see **COMBAT DISORDERS**

NEUROSIS, DEPRESSIVE see **DEPRESSIVE DISORDER**

NEUROSIS, HYPOCHONDRIACAL see **HYPOCHONDRIASIS**

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NEUROTENDINOUS SPINDLES see **MECHANORECEPTORS**

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NEUROTROPHIC FACTOR RECEPTOR see **RECEPTORS, NERVE GROWTH FACTOR**

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NEW DRUG APPROVAL see **DRUG APPROVAL**

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NF2 GENES see **GENES, NEUROFIBROMATOSIS 2**

NG-CAM see **CELL ADHESION MOLECULES, NEURON-GLIA**

NG-MONOMETHYL-L-ARGININE see **OMEGA-N-METHYLARGININE**

NG-NITROARGININE see **NITROARGININE**

NG-NITRO-L-ARGININE see **NITROARGININE**

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NGF–2 see **NEUROTROPHIN 3**

NGF RECEPTOR see **RECEPTOR, NERVE GROWTH FACTOR**

NGF RECEPTORS see **RECEPTORS, NERVE GROWTH FACTOR**

NGFR PROTEIN

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NICOTINAMIDE see **NIACINAMIDE**

NICOTINAMIDE-ADENINE DINUCLEOTIDE see **NAD**

NICOTINAMIDE-ADENINE DINUCLEOTIDE PHOSPHATE see **NADP**

NICOTINAMIDE MONONUCLEOTIDE ADENYLYLTRANSFERASE see **NICOTINAMIDE-NUCLEOTIDE ADENYLYLTRANSFERASE**

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NICOTINE USE DISORDER see **TOBACCO USE DISORDER**

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consider also terms at NAS- and RHIN-

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NTR GENES see **GENES, NITROGEN FIXATION**

NTRK1 RECEPTOR see **RECEPTOR, TRKA**

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NTRK3 RECEPTOR see **RECEPTOR, TRKC**

NUCHAL RIGIDITY see **MUSCLE RIGIDITY**

NUCLEAR ACCIDENTS see **ACCIDENTS, RADIATION**

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NUCLEUS EMBOLIFORMIS see **CEREBELLAR NUCLEI**

NUCLEUS ENTOPEDUNCULARIS see **ENTOPEDUNCULAR NUCLEUS**

NUCLEUS FASTIGII see **CEREBELLAR NUCLEI**

NUCLEUS GLOBOSUS see **CEREBELLAR NUCLEI**

NUCLEUS OF ANSA LENTICULARIS see **SUBTHALAMUS**

NUCLEUS OF ANTERIOR COMMISSURE see **SEPTAL NUCLEI**

NUCLEUS OF DIAGONAL BAND see **SEPTAL NUCLEI**

NUCLEUS OF FIELD H see **SUBTHALAMUS**

NUCLEUS OF STRIA TERMINALIS see **SEPTAL NUCLEI**

NUCLEUS RUBER see **RED NUCLEUS**

NUCLEUS SOLITARIUS see **SOLITARY NUCLEUS**

NUCLEUS SUBTHALAMICUS see **SUBTHALAMIC NUCLEUS**

NUDE MICE see **MICE, NUDE**

NUDE RATS see **RATS, NUDE**

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OCIMUM BASILICUM see **BASIL**

OCKELBO VIRUS see **ALPHAVIRUS**

9,12-OCTADECADIENOIC ACID see **LINOLEIC ACID**

OCTADECANOATES see **STEARATES**

OCTADECANOIC ACIDS see **STEARIC ACIDS**

9-OCTADECENOIC ACID see **OLEIC ACID**

OCTADECENOIC ACIDS see **OLEIC ACIDS**

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OCULAR INFECTIONS see **EYE INFECTIONS**

OCULAR INFECTIONS, BACTERIAL see **EYE INFECTIONS, BACTERIAL**

OCULAR INFECTIONS, FUNGAL see **EYE INFECTIONS, FUNGAL**

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OCULAR TOXOPLASMOSIS see **TOXOPLASMOSIS, OCULAR**

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OCYTOCIN see **OXYTOCIN**

ODDI'S SPHINCTER

see related
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6-OHDA see **OXIDOPAMINE**

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OLEANDOCETIN see **TROLEANDOMYCIN**

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2',5'-OLIGOADENYLATE POLYMERASE see **2',5'-OLIGOADENYLATE SYNTHETASE**

2',5'-OLIGOADENYLATE SYNTHETASE

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OLIGONUCLEOTIDE-DIRECTED MUTAGENESIS see **MUTAGENESIS, SITE-DIRECTED**

OLIGONUCLEOTIDE PRIMERS see **DNA PRIMERS**

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ONCORNAVIRUSES see **RETROVIRIDAE**

ONCOVIRINAE see **RETROVIRIDAE**

ONCOVIRUSES see **RETROVIRIDAE**

ONCOVIRUSES, TYPE C see **RETROVIRIDAE**

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ONDANSETRON

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ORBITAL GRANULOMA, PLASMA CELL see **GRANULOMA, PLASMA CELL, ORBITAL**

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ORGANOPHOSPHORUS COMPOUNDS

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ORNITHINE AMINOTRANSFERASE see **ORNITHINE-OXO-ACID TRANSAMINASE**

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see related
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see related
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ORNITHINE TRANSCARBAMYLASE see **ORNITHINE CARBAMOYLTRANSFERASE**

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OSSEOINTEGRATION

see related
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